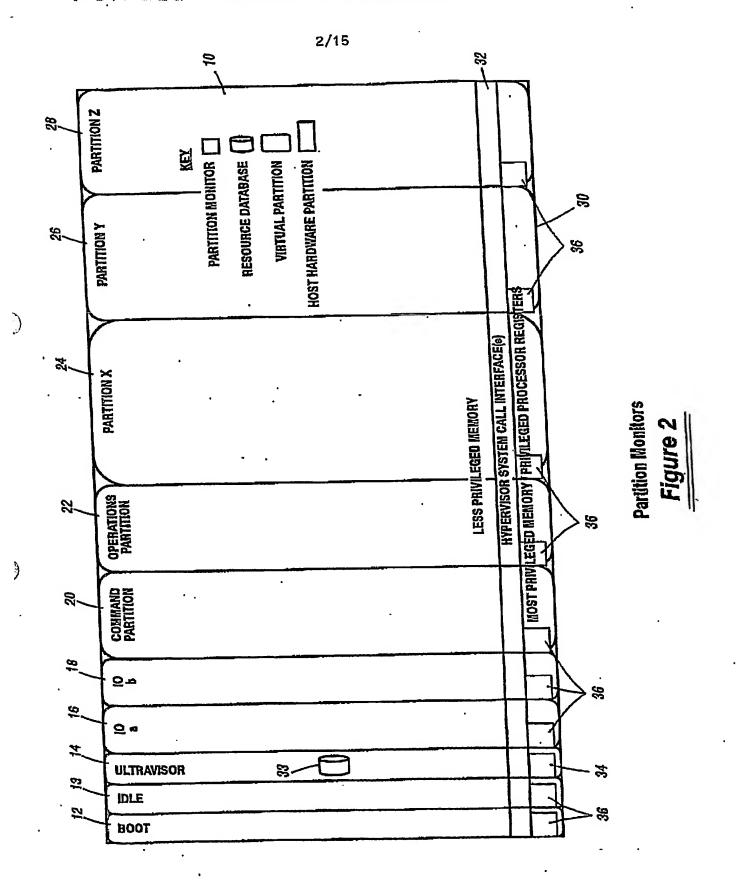


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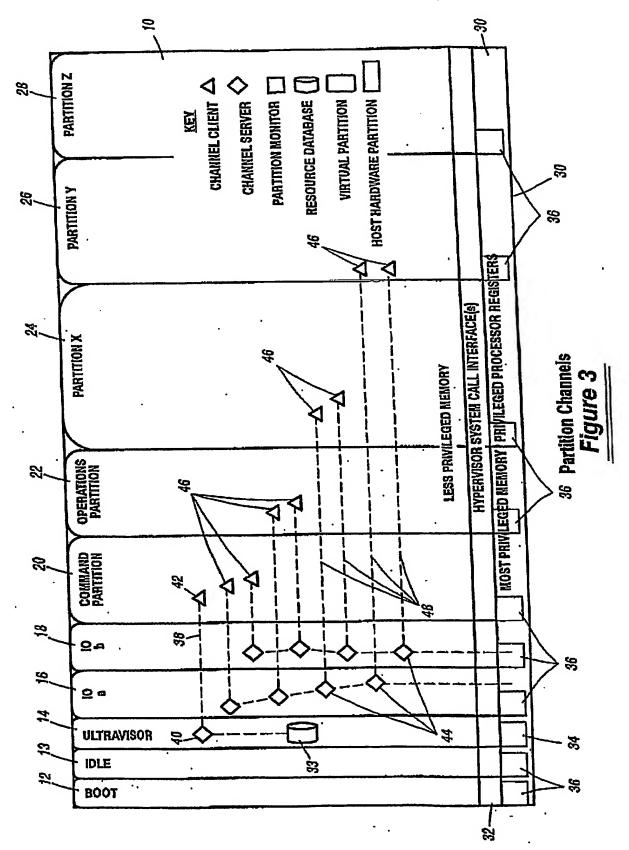
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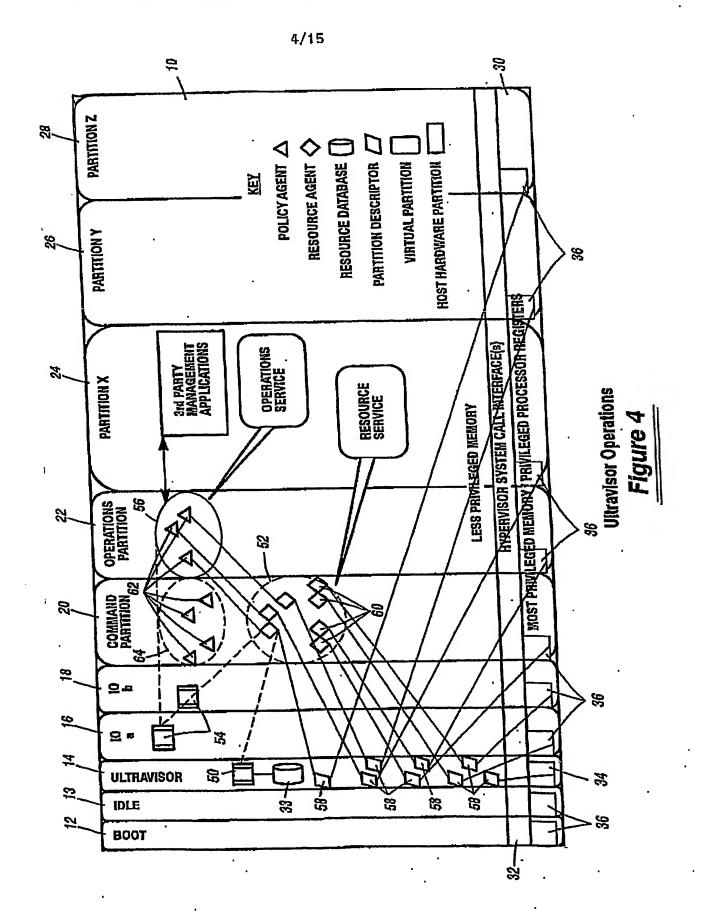
AMENDED SHEET

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)



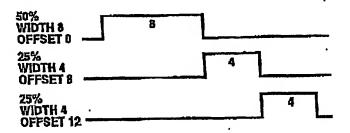
AMENDED SHEET

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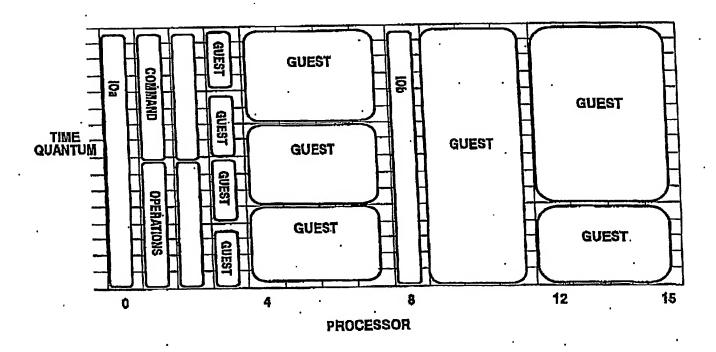
5715

OVERLAPPED PROCESSOR THROTTLING - DEFAULT 4 BIT DUTY WIDTH (1/16 = 6.25%)



Processor Sharing

Figure 5



Processor Schedule

Figure 6

6/15

	ry 1A32/ENI32T	PT/PTE		PD/PDE	dua	1	PML4								
	Pageantry	DVE		PME	1 2 2	Z.	PTE		몺	1226	# 1	PZE	1 2	PYE	
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SI Prefixes for Page Table Hierarchy

AMENDED SHEET

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7/15
Function GetMemoryOwner [T : 0_1023, G:0_1023, M:0_1023, K:0_1023] of Int32

Memory Index Ref 1 GB MB KB

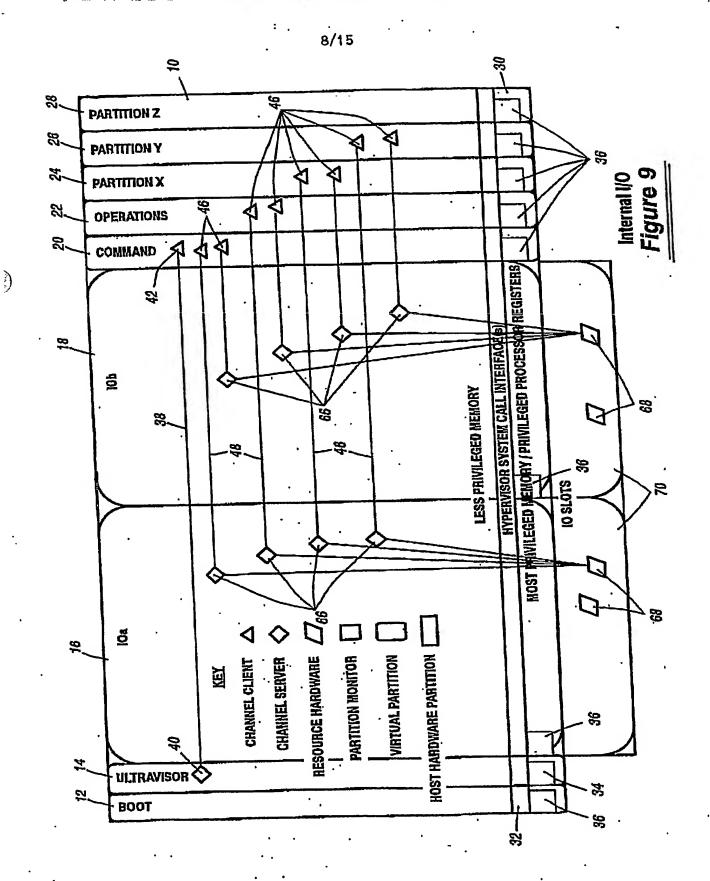
Partition number (32 bits) OS Node (GB) MB KB

	•		
PGM: T=0 G=x	PMM: T=0 G=0 M=x	PMM: T=0 G=15 M=x	PKM: G=0 M=1 K=X
0: [-, 0,1,1] 1: [0,1,25] 2: [0,1,20] 14: [0,1,20] 15: [-,0,1,16] 16: [0,1,19] Mem[0,1,0] Ultravisor Index Type: Index	0: [-, 0,1,22] 1: [-,0,1,18] 2: [0,1,24] 3: [0,1,20] 767: [0,1,20] 768: [0,1,26] Memio 1,11 Unavisor Partition Type: Partition	0: [0,1,20] 1023: [0,1,20] -redundant Mem[0,1,16] Partition X Type: Partition Id: User X	0: [0,1,24] 1: [0,1,24] 23: [0,1,24] 24: [0,1,24] 25: [0,1,25] 26: [0,1,26] 27: [0,1,20] 1023: [0,1,20] Mem[0,1,18] Partition Y Type: Partition Id: User Y
MapHigh [0,0,0] MapLow [0,1,0] MapOrder 3 Index [0,1,23] Hyper [0,1,24] Avail: [0,1,20]	ld: Ultra Me: [0,1,24] 3.9MB [0,2x]	Me: [0,1,25] 4GB [1,x,x] (4-7 GB)	Me: [0,1,26] 1GB [0,768,x]- [0,1023x]
Mem[0,1,23]	Mem[0,1,24]	Mem[0,1,25]	Mem[0,1,26]
Partition Missing	Partition Available		Partition Boot
Type: Partition Id: Missing Me: [0,1,19] 3,9375TB (64GB-4TB]	Type: Partition Id: Available Me: [0,1,20] 58,9GB (8.64GB)	Type: Partition ld: ldle Me: [0,1,21] 64KB <not shown=""></not>	Type: Partition ld: Boot Me: [0,1,22] 4MB [0,0,0]- [0,0,1023]
· · Mem[0,1,19] ·	Mem[0,1,20]	Mem[0,1,21]	Mem[0,1,22]

Where Mem[G,M,K] := ((G * 2**10+M) * 2 **10 + K) * 2**10*2**2

Partition Memory Map

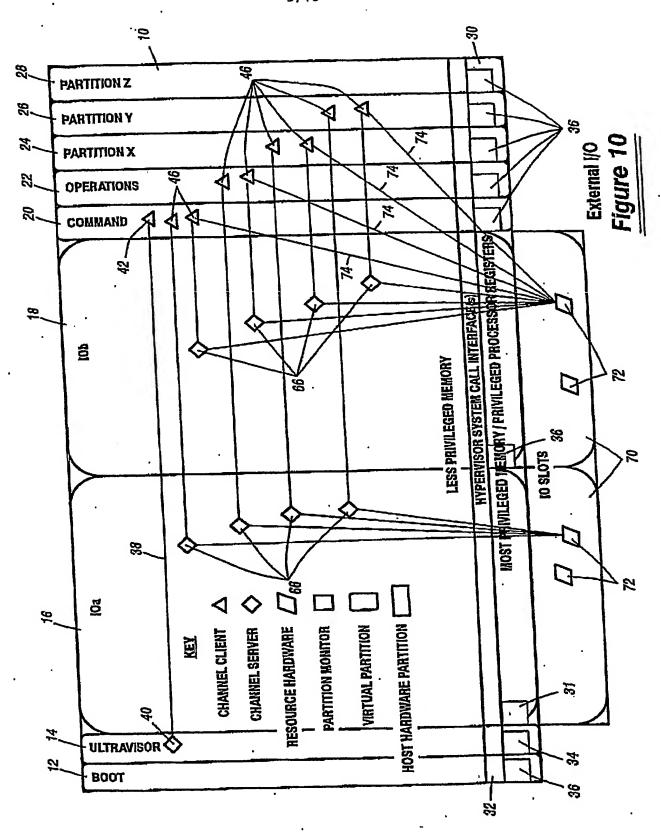
Figure 8



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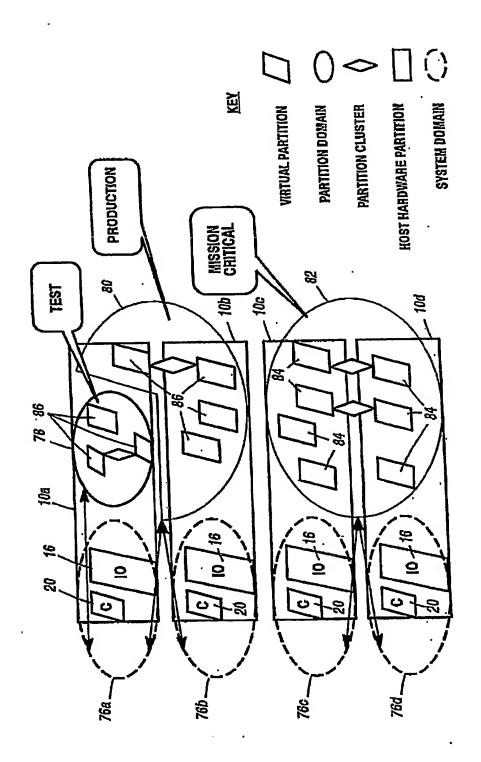
PCT/USU4/3BSE7.USQSEODS 9/15

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10/15



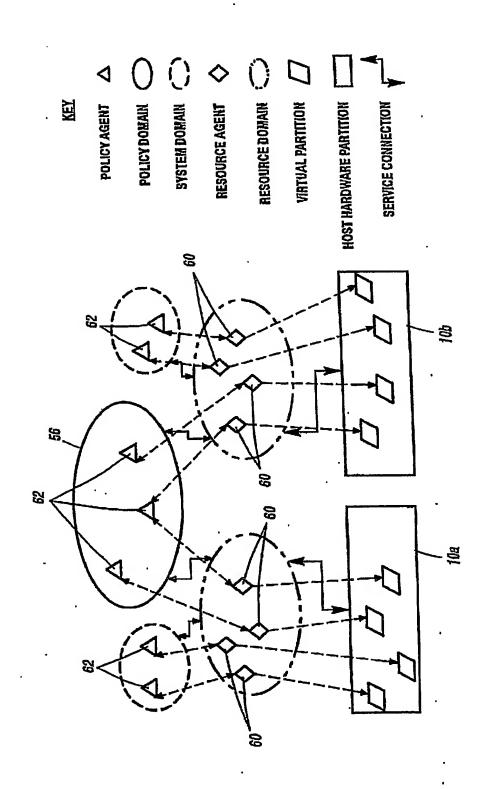
Ultravisor Domains Figure 11

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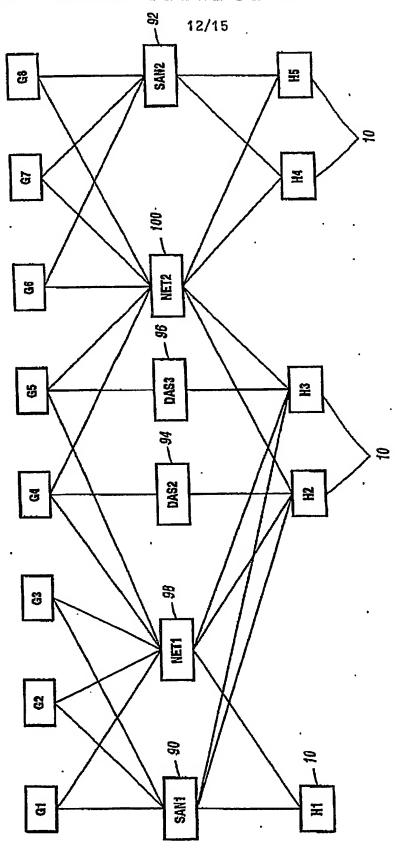
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11/15



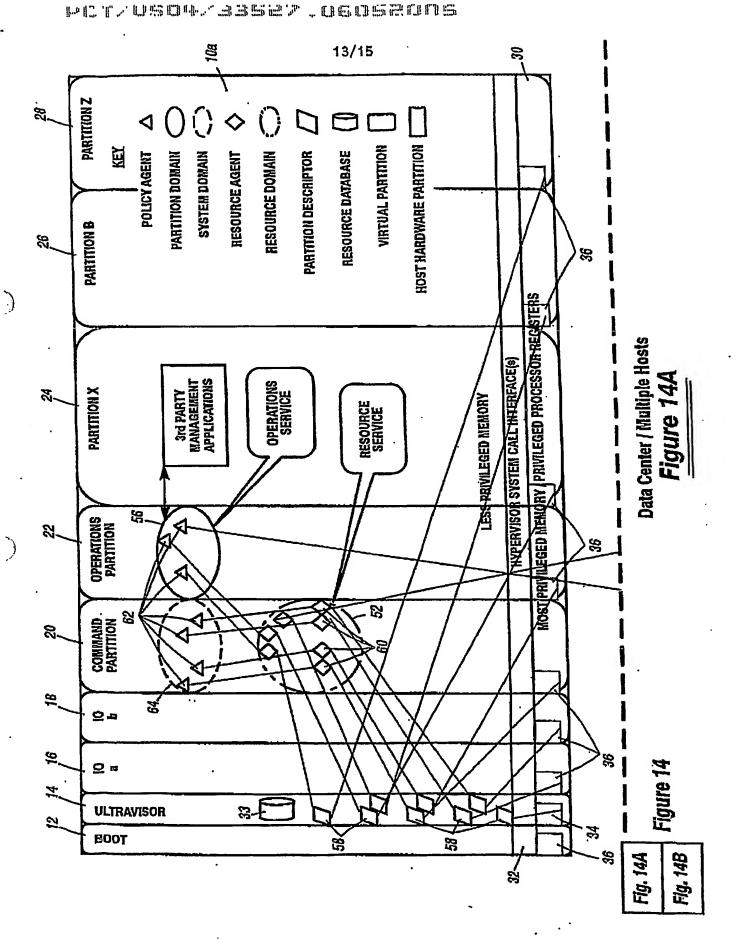
Ultravisor Partition Agents Figure 12

PCT/USCIP/BBBP _CECS&UOS

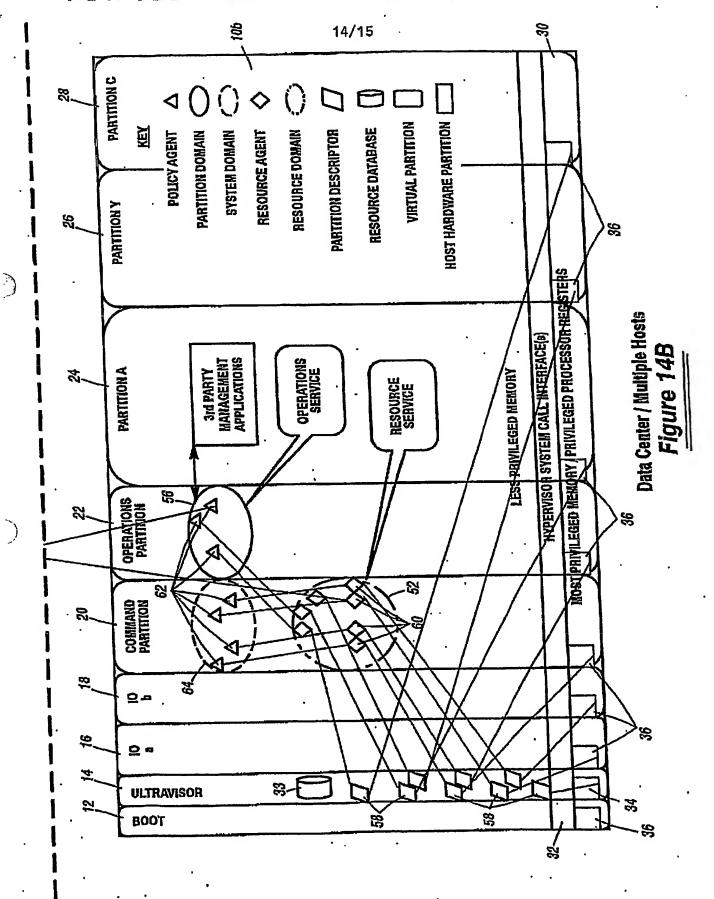


Virtual Data Center Zones
Figure 13

IPEA/US .

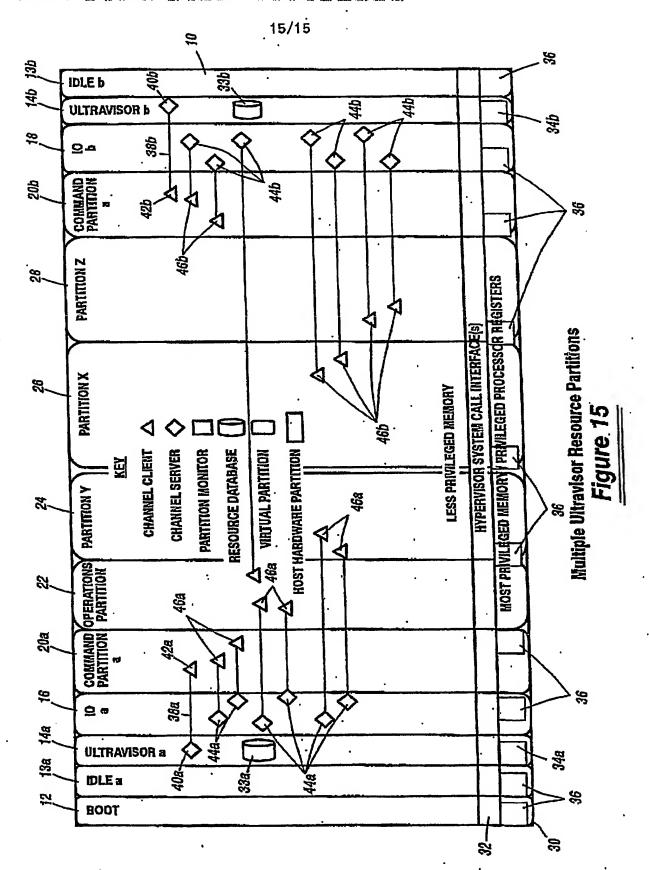


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